



# NASA Space Shuttle Processing

Linda Andruske  
Fuel Cell & Cryogenics Engineer  
July, 2010

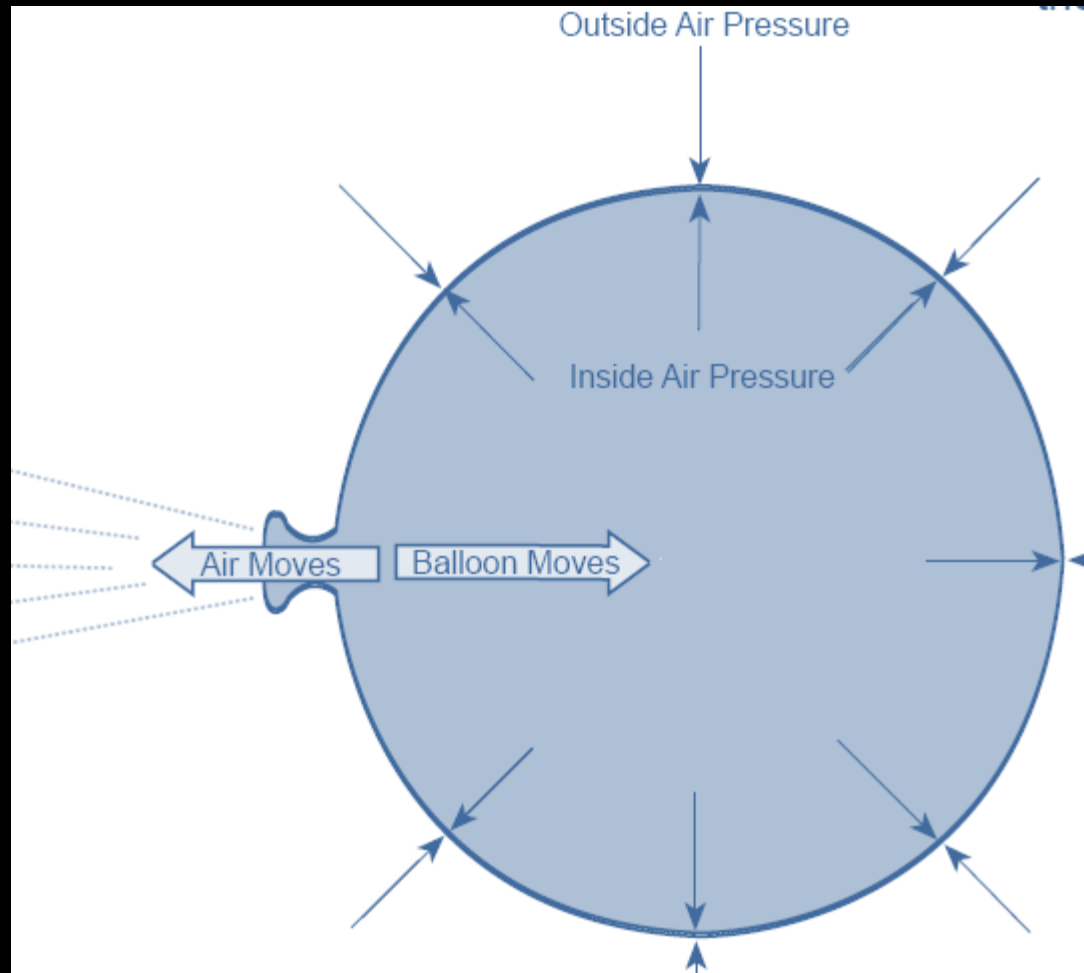






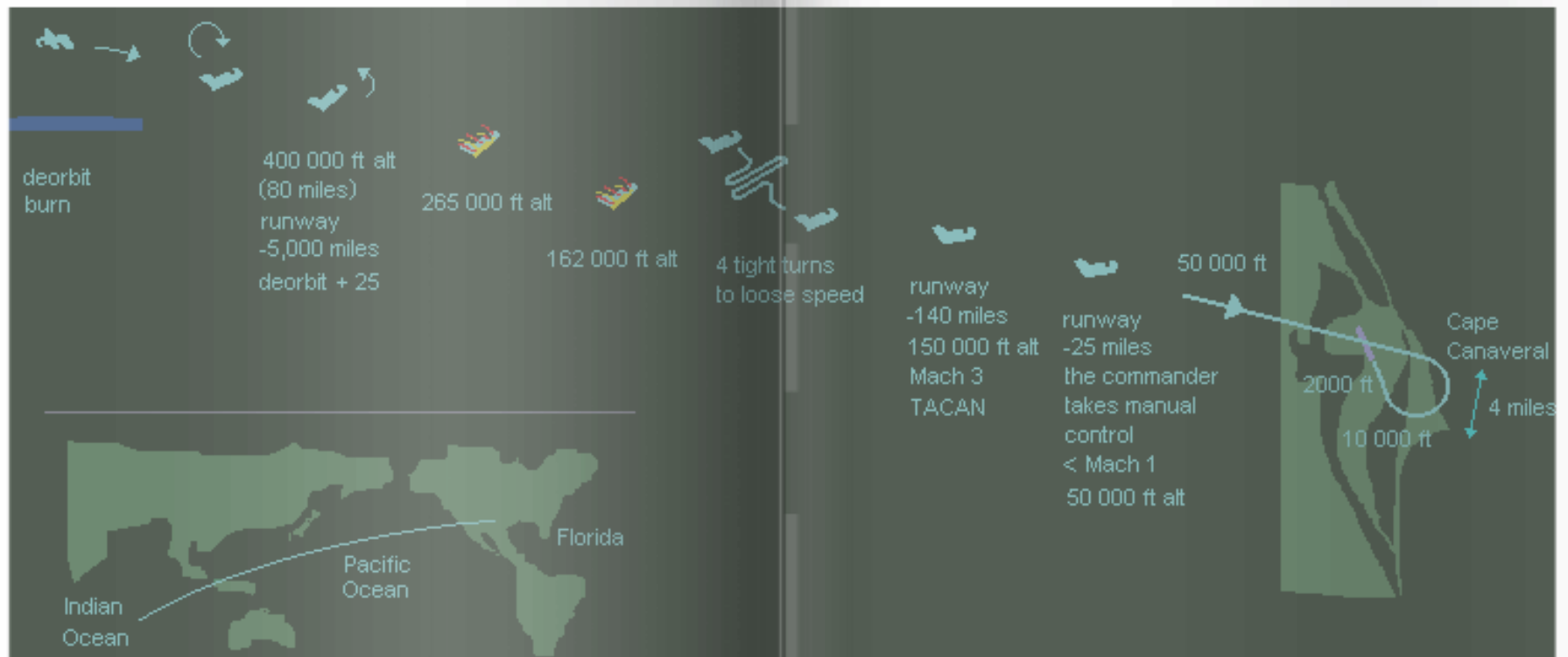


# Вы уже ракетами учёными!

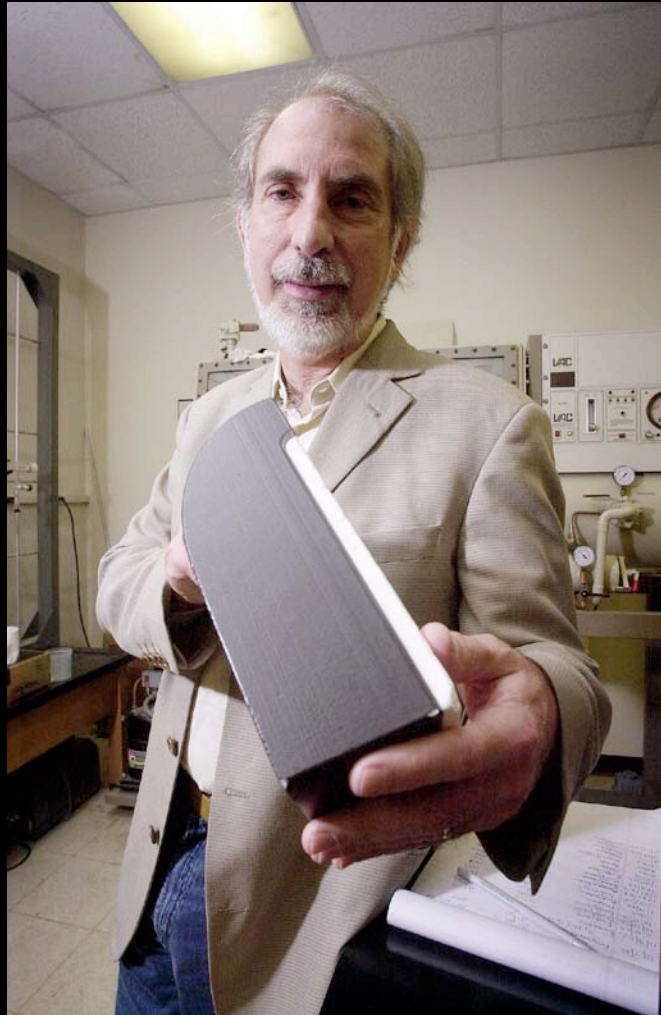


<http://mediaarchive.ksc.nasa.gov/search.cfm>

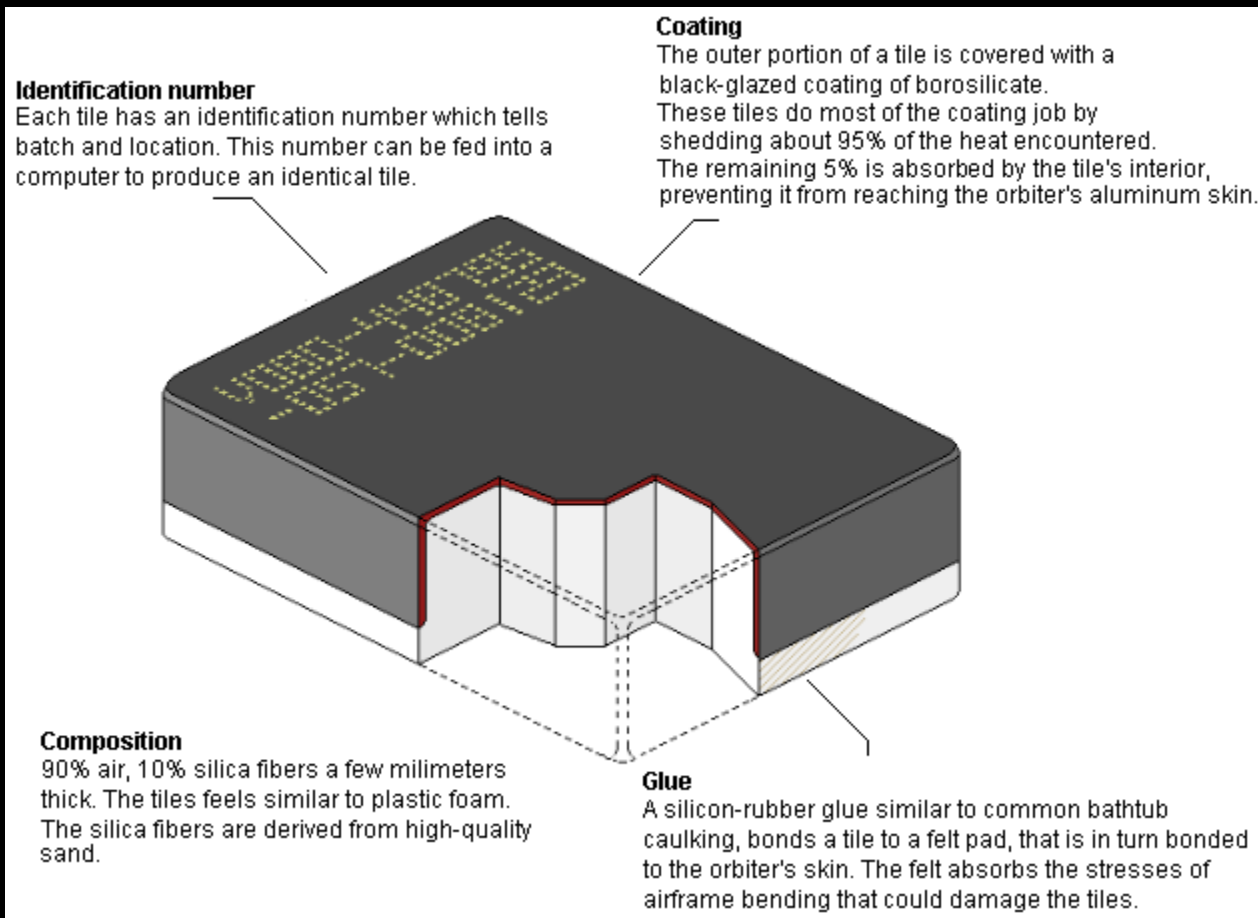
Комманд по \_\_\_\_ до посадки  
KSC-09-S-0039 – Go for de-orbit burn



Space shuttle silica tiles are excellent thermal insulators: white hot 2300° F silica thermal protection being safely hand held 10 seconds after removal from high temperature oven.



# High-temperature Reusable Surface Insulation (HRSI)





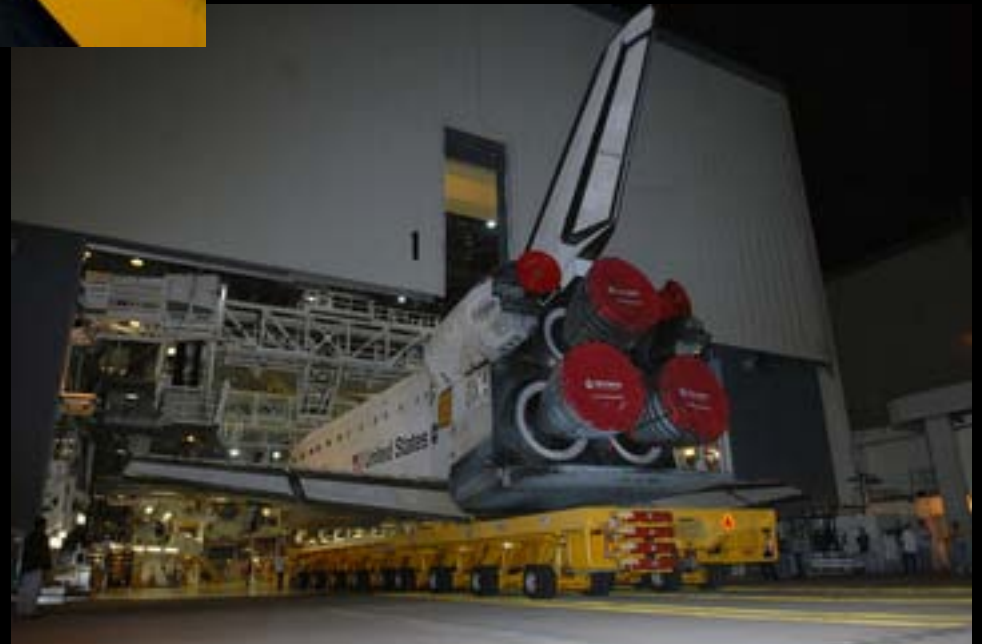






# Alligator Alley





# Tile Inspections





# Tile Replacement









HIGH BAY 3

DISCOVERY

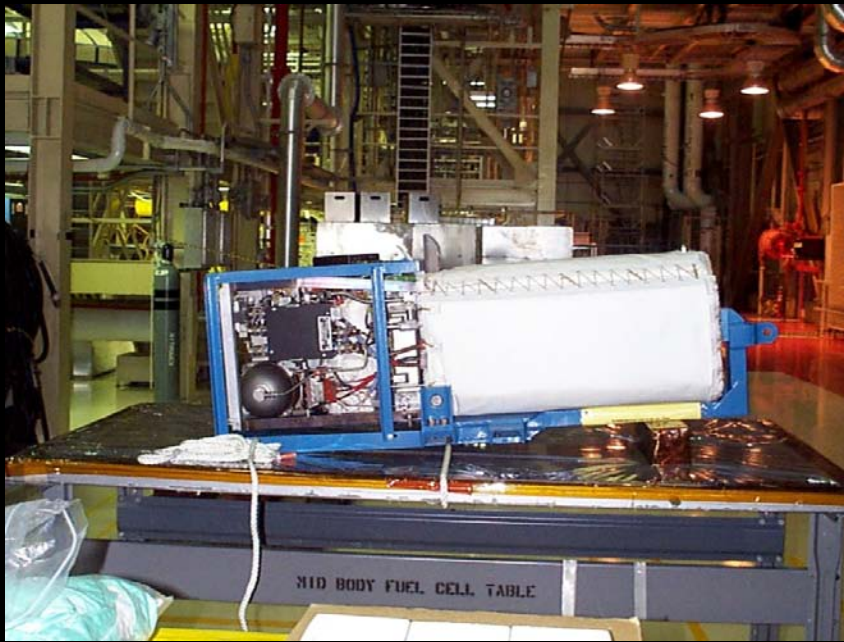








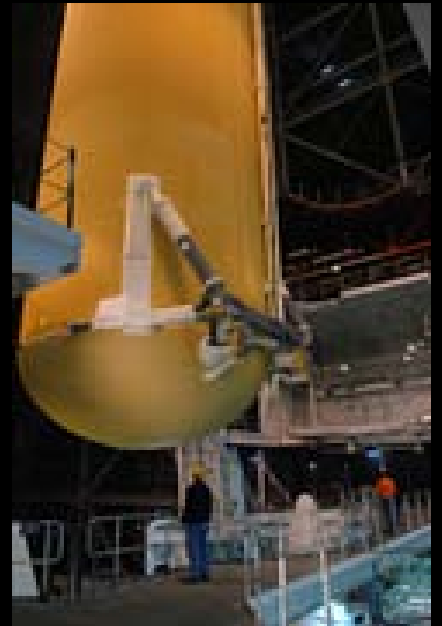


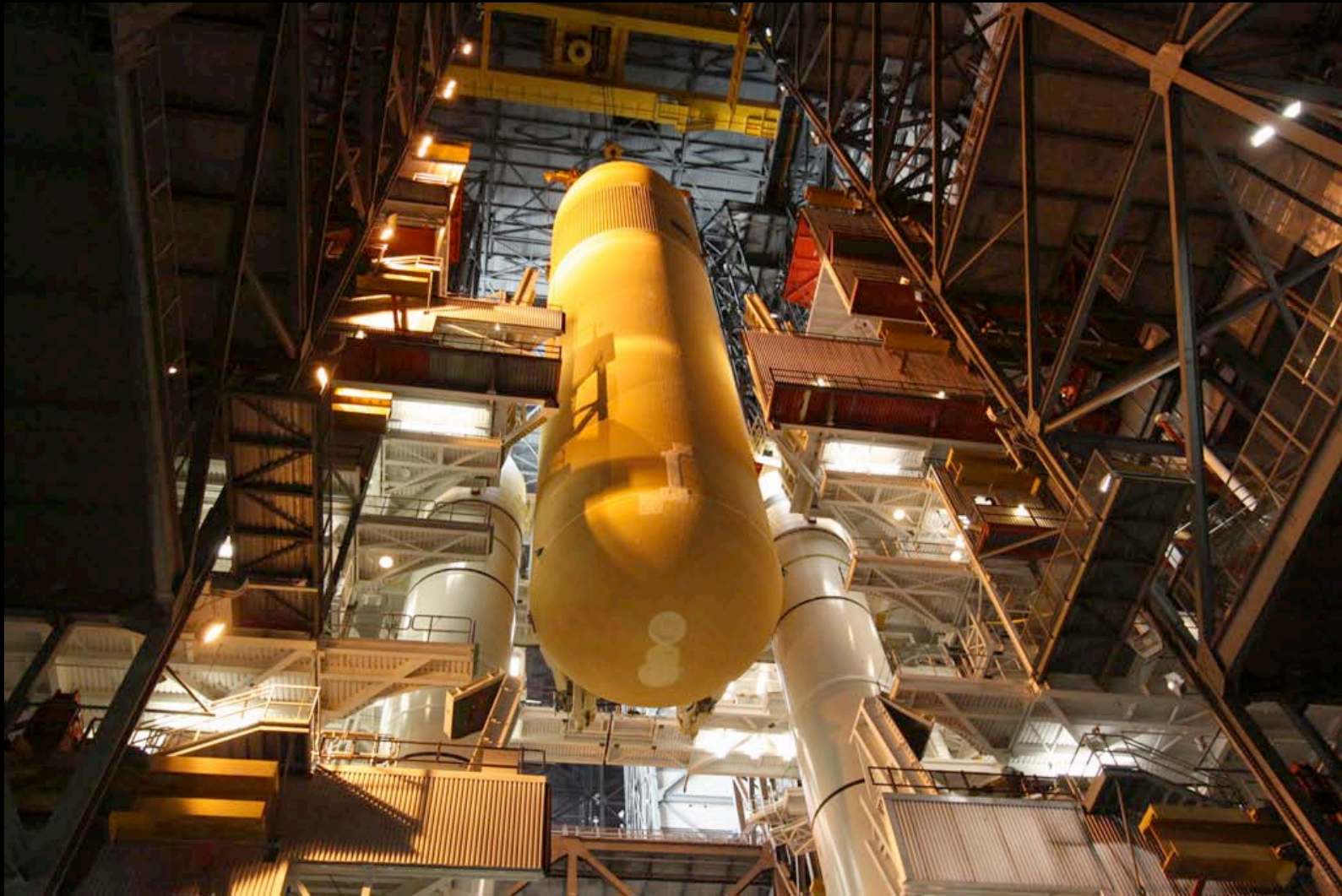


























































Spot 65.7 °F  
Box  
Max. 88.3  
Min. 31.5

Bat

85.8



FOV 24 Dist = 0.5 Trefl = 68.0  $\epsilon$  = 1.00

27.0



Days to  
Launch























